

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	760	((408/57) or (408/59)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/07 15:03
L2	297	((408/34) or (408/53)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/07 15:02
L3	363	(409/136).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/07 15:03
L4	338	(409/135).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/07 15:04
L5	949	B23B051/06.ipc.	EPO; JPO; DERWENT	OR	ON	2006/12/07 15:04
L6	3838	B23Q011/10.ipc.	EPO; JPO; DERWENT	OR	ON	2006/12/07 15:04
L7	128	sugata-shinsuke.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/07 15:05
L8	4024	((spindle or shaft) and (fluid or lubricant or atomized or hydraulic or pneumatic or mist or fog) and (needle or valve or stop\$3)).clm.	US-PGPUB	OR	ON	2006/12/07 15:07
L9	337	((spindle or shaft) and (fluid or lubricant or atomized or hydraulic or pneumatic or mist or fog) and (needle or valve or stop\$3) and (tool or bit)).clm.	US-PGPUB	OR	ON	2006/12/07 15:07
L10	204	((spindle or shaft) and (fluid or lubricant or atomized or hydraulic or pneumatic or mist or fog) and (needle or valve or stop\$3) and (tool or bit) and (chamber or void or hole or space)).clm.	US-PGPUB	OR	ON	2006/12/07 15:08
S2	744	((408/57) or (408/59)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/07 15:01

## EAST Search History

S4	350	(409/136).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/07 15:03
S5	324	(409/135).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/07 15:03
S6	2837	sugata.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/10 08:00
S7	122	sugata-shinsuke.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/07 15:04
S9	3720	B23Q011/10.ipc.	EPO; JPO; DERWENT	OR	ON	2006/12/07 15:04
S10	926	B23B051/06.ipc.	EPO; JPO; DERWENT	OR	ON	2006/12/07 15:04

## EAST Search History

S11	38	US-2946244-\$ did. or US-3096668-\$ did. or US-3546976-\$ did. or US-3559511-\$ did. or US-3577808-\$ did. or US-4529340-\$ did. or US-4708539-\$ did. or US-4919232-\$ did. or US-5004382-\$ did. or US-5006021-\$ did. or US-5160229-\$ did. or US-5174692-\$ did. or US-5327979-\$ did. or US-5378091-\$ did. or US-5676506-\$ did. or US-5707186-\$ did. or US-5967716-\$ did. or US-6050756-\$ did. or US-6582167-\$ did. or US-6602031-\$ did. or US-6644900-\$ did. or US-6702199-\$ did. or US-6726412-\$ did. or US-6808342-\$ did. or US-6899496-\$ did. or US-6905294-\$ did. or US-6926478-\$ did. or US-6923604-\$ did. or US-20010027706-\$ did. or US-20020033081-\$ did. or US-20020119019-\$ did. or US-20020159852-\$ did. or US-20030095841-\$ did. or US-20030123940-\$ did. or US-20030170087-\$ did. or US-20040079207-\$ did. or US-20040191012-\$ did. or US-20050095075-\$ did.	US-PGPUB; USPAT	OR	ON	2006/04/10 08:07
S13	5	("5676506"   "6085782"   "6123270").PN. OR ("6602031"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 08:56
S14	21	("3096668"   "3478843"   "3577808"   "3605551"   "4345668"   "4396317"   "4449865"   "4563924"   "4573836"   "4637761"   "4640652"   "4688970"   "4745557").PN. OR ("5006021"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 09:30
S15	17	("3478843").URPN.	USPAT	OR	ON	2006/04/10 09:48

## EAST Search History

S16	38	("0111167"   "2413084"   "2452268"   "2845823"   "2870933"   "2946244"   "3049843"   "3096668"   "3153885"   "3421392"   "3478843"   "3487748"   "3593800"   "3661299"   "4032250"   "4437525"   "4625707").PN. OR ("5004382"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 10:06
S17	7	("2946244").URPN.	USPAT	OR	ON	2006/04/10 10:16

## EAST Search History

S18	83	DE-4200808-\$ did. or DE-4208063-\$ did. or DE-10129501-\$ did. or DE-19632472-\$ did. or DE-19738832-\$ did. or DE-19815134-\$ did. or EP-860231-\$ did. or EP-978350-\$. did. or EP-1129815-\$ did. or EP-1203630-\$ did. or EP-1203631-\$ did. or EP-1316386-\$ did. or EP-1316387-\$ did. or JP-59196103-\$ did. or JP-63174871-\$ did. or JP-03026441-\$ did. or JP-05162046-\$ did. or JP-06241364-\$ did. or JP-06241365-\$ did. or JP-06241366-\$ did. or JP-08243877-\$ did. or JP-09239637-\$ did. or JP-10029131-\$ did. or JP-10230434-\$ did. or JP-11235641-\$ did. or JP-2000000736-\$ did. or JP-2000005975-\$ did. or JP-2000158285-\$ did. or JP-2000176787-\$ did. or JP-2000198043-\$ did. or JP-2000210836-\$ did. or JP-2001018147-\$ did. or JP-2001018148-\$ did. or JP-2001081488-\$ did. or JP-2001150295-\$ did. or JP-2001310239-\$ did. or JP-2001311500-\$ did. or JP-2002066872-\$ did. or JP-2002066873-\$ did. or JP-2002355735-\$ did. or JP-2002355736-\$ did. or JP-2002239869-\$ did. or JP-2002239870-\$ did. or JP-2003001511-\$ did. or JP-2003071681-\$ did. or JP-2003145392-\$ did. or JP-2004050337-\$ did. or JP-2005034958-\$ did. or 02/064310-\$ did.	EPO; JPO; DERWENT	OR	ON	2006/04/11 09:14
S21	2	"04144709"	EPO; JPO; DERWENT	OR	ON	2006/04/10 13:30

## EAST Search History

S22	350	(409/136).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/10 13:37
S23	324	(409/135).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/10 13:37
S24	657	S22 or S23	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/10 13:37
S25	3	("5676506"   "6899496"   "6905294").PN. OR ("6981825"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 13:57
S26	54	("0954451"   "0992503"   "1333451"   "2020325"   "2245601"   "2438868"   "2613067"   "2653517"   "2719604"   "2981526"   "3240243"   "3249553"   "3439777"   "3491855"   "3618709"   "3729898"   "3744771"   "3756348"   "3939944"   "3941355"   "4054622"   "4131658"   "4309456"   "4335804"   "4421798"   "4541966"   "4637493"   "4802555"   "5297657"   "5427203"   "5462656"   "5609798"   "5806630"   "6086052"   "6122808"   "6199465"   "6230843"   "6287058"   "6582167"   "6659370").PN. OR ("6773212").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 14:08
S27	538	(408/56).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/09 14:37
S28	277	(184/6.14).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/09 14:38
S29	30	S28 and (mist or fog or atomiz\$3 or aerosol)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/10 16:24

## EAST Search History

S30	753	((408/57) or (408/59)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/09 14:39
S31	294	((408/34) or (408/53)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/09 14:39
S32	540	(408/56).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/09 14:39
S33	355	(409/136).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/09 14:41
S34	333	(409/135).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/09 14:41
S35	279	(184/6.14).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/09 14:41
S36	128	Sugata-Shinsuke\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/07 13:45
S37	237	Cadugan-E\$.xp.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/07 13:45
S38	363	(409/136).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/07 13:45
S39	6	S36 and S37 and S38	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/07 13:45